

KANE AND LOMBARD STREETS OU1  
ADMINISTRATIVE RECORD FILE \*  
INDEX OF DOCUMENTS

I. SITE IDENTIFICATION

1. U.S. EPA Potential Hazardous Waste Site Identification, 4/30/84. P. 100001-100001.
2. U.S. EPA Potential Hazardous Waste Site, Site Inspection Report, 5/16/84. P. 100002-100015.
3. Memorandum to Mr. Ed Shoener, U.S. EPA, from Mr. Harry Compton, U.S. EPA, re: Soil vapor survey conducted to help determine where residual wastes may be buried at the site, 10/15/86. P. 100016-100021. Table 1, Soil Vapor Results, and Figure 1, Approximate Locations of Geophysical Survey Measurements, are attached.
4. Chronology of events at the Kane and Lombard Site, 11/7/80 to 5/1/84. P. 100022-100023.

\* Administrative Record File available 7/31/87, updated 8/15/88, 8/15/90, and 10/28/97.

## II. REMEDIAL ENFORCEMENT PLANNING

1. Complaint and Order In Re: Mr. Edward and Mrs. Harietta Azrael and Ms. Cele Landay, No. C-O-83-104, Volume I, 10/21/83. P. 200001-200111.
2. Complaint and Order In The Matter Of: Mr. Edward and Mrs. Harietta Azrael, No. C-O-83-104, H.O. Docket 83-E-166, Volume II, 11/23/83. P. 200112-200181.
3. Letter to Mr. Edward Azrael, Mrs. Harietta Azrael, and Ms. Cele Landay, Azrael and Gann, from Mr. Ronald Nelson, Maryland Department of Health and Mental Hygiene, re: Issuance of a Complaint and Order, 8/3/83. P. 200182-200190. The Complaint and Order is attached.

### III. REMEDIAL RESPONSE PLANNING

1. Letter to Ms. Stephany Del Re', U.S. EPA, from Mr. Guy W. Hager, Maryland Department of State Planning, re: Review and recommendation of the site for Remedial Investigation/Feasibility Study (RI/FS) activities to be conducted, 3/21/85. P. 300001-300002.
2. Action memorandum to Mr. Stanley Laskowski, U.S. EPA, from Mr. Stephen Wassersug, U.S. EPA, re: Authorization to proceed with the RI/FS, 3/21/85. P. 300003-300007.
3. Memorandum to Ms. Stephany Del Re', U.S. EPA, from Mr. R. Lee Steiner, Weston Inc., re: Schedule of deliverables, 4/29/85. P. 300008-300008.
4. Report: Work Plan for Kane and Lombard Site, Baltimore Maryland, Remedial Investigation/Feasibility Study, Volume I, prepared by Weston Inc., 6/5/85. P. 300009-300179.
5. Memorandum to Ms. Stephany Del Re', U.S. EPA, from Mr. Charles Kufs, Weston Inc., re: Results of the site erosion assessment, 11/25/85. P. 300180-300186. An Area of Moderate to Severe Soil Erosion diagram and four site photographs are attached.
6. Memorandum to Ms. Stephany Del Re', U.S. EPA, from Mr. Charles Kufs, Weston Inc., re: Results of the geophysical survey, 12/11/85. P. 300187-300203. The following are attached:
  - a) Figure 1, Approximate Locations of Geophysical Survey Measurements;
  - b) Figure 2, Relative Response of Electromagnetic Conductivity Measurements with Depth;
  - c) Figure 3, Isometric Diagram of EM Measurements Using Vertical Dipoles and a 20-Meter Coil Separation (looking east);
  - d) Figure 4, Isometric Diagram of Scores on the Shallow EM Factor (Factor 2);
  - e) Figure 5, Isometric Diagram of Scores on the Metal Detection Factor (Factor 3);

- f) Figure 6, Isometric Diagram of Magnetometer Measurements (looking east);
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  - h) Figure 8, Tree Diagram of Cluster Analysis Groupings;
  - i) Figure 9, Summary Map of Cluster Analyses Results;
  - j) Figure 10, Summary of Ground Penetrating Radar (GPR) Results;
  - k) Figure 11, Typical GPR Profiles.
- 7. Handwritten notes for Ms. Stephany Del Re', U.S. EPA, prepared by Mr. D. Hill, Weston Inc., re: Results of geophysical survey, 12/30/85. P. 300204-300204.
  - 8. Memorandum to Ms. Stephany Del Re', U.S. EPA, from Mr. Charles Kufs, Weston Inc., re: Results of the site contamination survey, 1/16/86. P. 300205-300212. Two site investigation distribution diagrams; Table 1, Summary on Concentrations (in mg/kg) of Inorganic Compounds in Five Soil Samples; and Table 2, Summary of Concentrations (in ug/kg) of Organic Compounds in Five Soil Samples, are attached.
  - 9. Letter to Mr. Thomas Voltaggio, U.S. EPA, from Mr. John Koontz, Maryland Department of Health and Mental Hygiene, re: Progression through the second draft of the Work Plan by EPA's primary contractor without review of EPA or Maryland Department of Health and Mental Hygiene files, 3/10/86. P. 300213-300213.
  - 10. Memorandum to Ms. Stephany Del Re', U.S. EPA, from Mr. Charles Kufs, Weston Inc., re: State comments on the Work Plan, 3/11/86. P. 300214-300214.
  - 11. Memorandum to Ms. Stephany Del Re', U.S. EPA, from Mr. Charles Kufs, Weston Inc., re: Comments on the first addendum to the RI/FS Work Plan, 4/1/86. P. 300215-300221.
  - 12. Letter to Mr. John W. Koontz, Maryland Department of Health and Mental Hygiene, from Mr. Thomas C.

Voltaggio, U.S. EPA, re: Request for comments on the second draft Work Plan, 4/10/86. P. 300222-300222.

13. Letter to Mr. Thomas Voltaggio, U.S. EPA, from Mr. John W. Koontz, Maryland Department of Health and Mental Hygiene, re: Comments on the draft Work Plan, 5/14/86. P. 300223-300225.
14. Report: Historical Development of Kane and Lombard Site in Baltimore, Maryland, prepared by Weston Inc., 5/19/86. P. 300226-300267. A cover memorandum is attached.
15. Report: Project Operations Plan for the Kane and Lombard Site, Baltimore, Maryland, Remedial Investigation/Feasibility Study, prepared by Weston Inc., 5/21/86. P. 300268-300389.
16. Report: Initial Site Evaluation and Work Plan for the Kane and Lombard Site in Baltimore, Maryland, Remedial Investigation/Feasibility Study, Volume I, prepared by Weston Inc., 5/29/86. P. 300390-300522.
17. Memorandum to Ms. Stephany Del Re', U.S. EPA, from Ms. Tracy Lacosta and Mr. Charles Kufs, Weston Inc., re: Results of the phase RI-1 sampling, 7/21/86. P. 300523-300526. The sampling results are attached.
18. Letter to Mr. Richard Mason, Conrail, from Ms. Stephany Del Re', U.S. EPA, re: Request for permission to install and take samples from a monitoring well on Conrail property, 7/30/86. P. 300527-300527.
19. Handwritten notes, re: Meeting with Mr. Richard Mason to discuss site access, 7/30/86. P. 300528-300528.
20. Right of Entry Permit to Haven Corporation and Sky Properties by U.S. EPA, 7/31/86. P. 300529-300529.
21. Memorandum to Ms. Stephany Del Re', U.S. EPA, from Mr. Gary Sheehan, U.S. EPA, re: July 1986 test pit program, 9/15/86. P. 300530-300532.
22. Report: Remedial Investigation Report for the Kane and Lombard Site, Baltimore, Maryland, Volume I - Technical Report, prepared by Weston Inc., 5/87. P. 300533-300693. Two cover letters are attached.
23. Report: Remedial Investigation Report for the Kane and

Lombard Site, Baltimore, Maryland, Volume II - Appendices, prepared by Weston Inc., 5/87. P. 300694-301184.

24. Letter to Mr. Ronald Nelson, Maryland Waste Management Administration, from Mr. Thomas Voltaggio, U.S. EPA, re: Chronology of events occurring at the site since the authorization of the RI/FS, 7/16/87. P. 301185-301186.
25. Letter to Ms. Stephanie Delre [sic], U.S. EPA, from Mr. Jefferson L. Blomquist, Freishtat & Sandler, re: Comments on the various proposals for remedial action, 9/22/87. P. 301187-301188.
26. Letter to Mr. Kinloch N. Yellot, III, Haven Corporation, from Ms. Stephany Del Re', U.S. EPA, re: Request for permission to install and take samples from a monitoring well on Haven Corporation property, (undated). P. 301189-301189.
27. Statement of Work/Specifications, re: Soil sampling, (undated). P. 301190-301210.
28. Report: Public Health Evaluation, (no author cited), (undated). P. 301211-301327.
29. Report: Final Feasibility Study Report for the Kane and Lombard Site, Baltimore, Maryland, prepared by Weston Inc., 11/11/87. P. 301328-301500.
30. Record of Decision, Kane and Lombard Superfund Site, Baltimore, Maryland, 9/30/87. P. 301501-301568. A transmittal letter and the Responsiveness Summary are attached.
31. Report: Five Year Review Report, Kane and Lombard Site, Baltimore Maryland, Operable Unit One, prepared by Ecology and Environment, Inc., 4/94. P. 301569-301644. An undated transmittal memorandum to Mr. Abraham Ferdas, U.S. EPA, to Mr. Thomas Voltaggio, U.S. EPA, is attached.

IV. EMERGENCY REMOVAL RESPONSE

1. Pollution Report #1, Kane and Lombard Streets Drum Site, 3/6/84. P. 400001-400002.
2. Pollution Report #2, Kane and Lombard Streets Drum Site, 3/15/84. P. 400003-400003.
3. Record of communication of Mr. Bob Caron, U.S. EPA, with Mr. Truitt, Maryland Department of Health and Mental Hygiene, re: Drum sampling, 4/20/84. P. 400004-400004.
4. Pollution Report #3, Kane and Lombard Streets Drum Site, 4/25/84. P. 400005-400006.
5. Pollution Report #4, Kane and Lombard Streets Drum Site, 4/26/84. P. 400007-400007.
6. Pollution Report #5, Kane and Lombard Streets Drum Site, 5/1/84. P. 400008-400009.
7. Pollution Report #6, Kane and Lombard Streets Drum Site, 5/2/84. P. 400010-400011.
8. Pollution Report #7, Kane and Lombard Streets Drum Site, 5/3/84. P. 400012-400012.
9. Pollution Report #8, Kane and Lombard Streets Drum Site, 5/4/84. P. 400013-400014.
10. Memorandum to Mr. Lee M. Thomas, U.S. EPA, from Mr. Thomas P. Eichler, U.S. EPA, re: Justification for approval of an immediate removal action, 5/4/84. P. 400015-400025. A memorandum dated May 31, 1984 regarding an immediate removal request and eight site photographs are attached.
11. AST log book, 5/6/84. P. 400026-400098.
12. Technical Assistance Team (TAT) site log book, 5/6/84. P. 400099-400140.
13. Pollution Report #9, Kane and Lombard Streets Drum Site, 5/8/84. P. 400141-400143.
14. Pollution Report #10, Kane and Lombard Streets Drum Site, 5/8/84. P. 400144-400146.

15. Pollution Report #11, Kane and Lombard Streets Drum Site, 5/9/84. P. 400147-400149.
16. Pollution Report #12, Kane and Lombard Streets Drum Site, 5/10/84. P. 400150-100152.
17. Pollution Report #13, Kane and Lombard Streets Drum Site, 5/11/84. P. 400153-400155.
18. Pollution Report #14, Kane and Lombard Streets Drum Site, 5/12/84. P. 400156-400157.
19. Pollution Report #15, Kane and Lombard Streets Drum Site, 5/13/84. P. 400158-400159.
20. Pollution Report #16, Kane and Lombard Streets Drum Site, 5/14/84. P. 400160-400162.
21. Pollution Report #17, Kane and Lombard Streets Drum Site, 5/15/84. P. 400163-400165.
22. Letter to Mr. Thomas P. Eichler, U.S. EPA, from Mr. Warren K. Rich, Niles, Barton & Wilmer, re: Site visit by EPA to conduct sampling, 5/15/84. P. 400166-400176. The following are attached:
  - a) a chronology of site activities;
  - b) a letter regarding a statement made by the state regarding access to the site;
  - c) an envelope addressed to Mr. Stephen Wassersug of U.S. EPA;
  - d) a 104(e) request for information letter;
23. Pollution Report #18, Kane and Lombard Streets Drum Site, 5/16/84. P. 400177-400178.
24. Pollution Report #19, Kane and Lombard Streets Drum Site, 5/17/84. P. 400179-400180.
25. Pollution Report #20, Kane and Lombard Streets Drum Site, 5/18/84. P. 400181-400182.
26. Pollution Report #21, Kane and Lombard Streets Drum Site, 5/19/84. P. 400183-400184.



27. Pollution Report #22, Kane and Lombard Streets Drum Site, 5/21/84. P. 400185-400186.
28. Pollution Report #23, Kane and Lombard Streets Drum Site, 5/23/84. P. 400187-400189.
29. Pollution Report #24, Kane and Lombard Streets Drum Site, 5/28/84. P. 400190-400192.
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32. Pollution Report #27, Kane and Lombard Streets Drum Site, 5/31/84. P. 400197-400199.
33. Air and Contractor Monitor log book, 5/12/84 to 6/4/84. P. 400200-400239.
34. Pollution Report #28, Kane and Lombard Streets Drum Site, 6/4/84. P. 400240-400242.
35. Report: Immediate Removal Project, Kane and Lombard Street Drum Site, Baltimore, Maryland, On-Scene Coordinator's Report, prepared by U.S. EPA, 5/7/84 to 6/8/84. P. 400243-400475.
36. Report: Final Report of Analytical Services for Project 1828 - El6, Kane and Lombard Street Site, Baltimore, Maryland, prepared by O.H. Materials Co., 6/13/84. P. 400476-400605.
37. Pollution Report #29, Kane and Lombard Streets Drum Site, 6/13/84. P. 400606-400606.
38. Report: Project Summary Kane and Lombard Streets Hazardous Waste Site Cleanup, prepared by O.H. Materials Co., 6/14/84. P. 400607-400612.
39. Letter to Mr. Warren Rich, Niles, Barton & Wilmer, from Mr. Thomas P. Eichler, U.S. EPA, re: Immediate removal action at the site, 6/15/84. P. 400613-400615.
40. Pollution Report #30, Kane and Lombard Streets Drum Site, 6/22/84. P. 400616-400617.

41. Pollution Report #31, Kane and Lombard Streets Drum Site, 11/4/84. P. 400618-400618.
42. Pollution Report #32, Kane and Lombard Streets Drum Site, 12/13/84. P. 400619-400619.
43. Memorandum to Mr. James M. Sief, U.S. EPA, from Mr. Robert E. Caron, U.S. EPA, re: Request for exemption from six-month Limitation and Continuation of Removal Activities, 1/22/87. P. 400620-400625.
44. Memorandum to Dr. J. Winston Porter, U.S. EPA, from Mr. James M. Seif, U.S. EPA, re: Request for exemption from six-month Limitation and Continuation of Removal Activities, 1/22/87. P. 400626-400626.
45. Letter to Mr. Bob Caron, U.S. EPA, from Mr. Warren Black, Maecorp Incorporated, re: Request for review and approval of a description of the scope of work, 3/26/87. P. 400627-400629.
46. Daily log book notes, 4/2/87 to 4/6/87. P. 400630-400638. U.S. Coast Guard Pollution Control Activity Daily Log notes, dated March 30 to April 1, 1987, are attached.
47. Report: CERCLA Immediate Removal Project, Kane and Lombard Streets Drumsite, Baltimore, Maryland, Sampling Reference Notebook, (no author cited), (undated). P. 400639-400882.
48. Meeting attendance list, (undated). P. 400883-400884.

V. COMMUNITY INVOLVEMENT/CONGRESSIONAL CORRESPONDENCE/IMAGERY

1. U.S. EPA Fact Sheet, re: Removal progress, 5/84. P. 500001-500001.
2. Immediate Removal Community Relations Plan, Kane and Lombard Streets Site, Baltimore, Maryland, 5/1/84. P. 500002-500006.
3. U.S. Environmental News entitled "EPA Begins Immediate Removal of Drums at Kane and Lombard Streets Site in Baltimore," 5/7/84. P. 500007-500008.
4. Fact Sheet, re: Immediate removal of hazardous wastes, 5/7/84. P. 500009-500010.
5. Record of Congressional Inquiry/Request, re: Information in press release, 5/7/84. P. 500011-500011.
6. U.S. EPA Press Release entitled "Immediate Removal of Volatile Substances at Kane and Lombard Streets Site in Baltimore," 5/7/84. P. 500012-500013.
7. Public Notice, re: Public meeting, 5/7/84. P. 500014-500014.
8. Memorandum to Mr. George Bochanski, Jr., U.S. EPA, from Mr. Harold Yates, U.S. EPA, re: Agenda for a public meeting, 5/7/84. P. 500015-500018. A press release entitled "Mikulski Joins State and Local Health Officials in Arranging for Clean Up of Buried Toxic Wastes" is attached.
9. Record of Congressional Inquiry/Request from WSER, re: Kane and Lombard Site, 5/7/84. P. 500019-500019.
10. Record of Congressional Inquiry/Request from Ms. Janet Miller, WBAL-TV, re: Past visits by EPA to the site, 5/9/84. P. 500020-500020.
11. Memorandum to Ms. Helen Przybylski, East Baltimore Guide, from Ms. Linda Smeyne, Maryland Department of Health and Mental Hygiene, re: Weekly update on Kane and Lombard Streets cleanup, 5/15/84. P. 500021-500021.

12. Letter to Mr. Robert Stansbury, Eastwood Youth Association, from Mr. John Koontz, Maryland Department of Health and Mental Hygiene, re: Results of sampling conducted at playgrounds near the site, 5/22/84. P. 500022-500023.
13. Memorandum to Ms. Helen Przybylski, East Baltimore Guide, from Ms. Linda Smeyne, Maryland Department of Health and Mental Hygiene, re: Weekly update on Kane and Lombard Streets cleanup, 5/28/84. P. 500024-500024.
14. Fact Sheet, re: Adverse health effects to children allegedly caused by hazardous waste in the Patterson High School area, 5/31/84. P. 500025-500025.
15. Press Release from State of Maryland Department of Health and Mental Hygiene entitled "Contaminated Wastes to be Removed from Hazardous Cleanup Site at Kane and Lombard Streets," 6/1/84. P. 500026-500026.
16. Press Release from State of Maryland Department of Health and Mental Hygiene entitled "Cleanup is Finished," 6/5/84. P. 500027-500027.
17. U.S. EPA Public Notice, re: Meeting on the Kane and Lombard Site, 6/20/84. P. 500028-500028.
18. Record of Congressional Inquiry/Request from Ms. Karen Lucas, re: The Kane and Lombard public meeting, 6/22/84. P. 500029-500029.
19. Fact Sheet, re: The Kane and Lombard Site hazardous waste cleanup, 6/25/84. P. 500030-500031.
20. U.S. EPA Press Release entitled, "EPA Cleanup Completed at Kane and Lombard Site in Baltimore," 6/26/84. P. 500032-500032.
21. Agenda for the Kane and Lombard Site public meeting, 6/26/84. P. 500033-500033.
22. Public Notice, re: Community meeting concerning the hazardous waste cleanup at the Kane and Lombard site, 6/26/84. P. 500034-500034.
23. Memorandum to Mr. George Bochanski, U.S. EPA, from Mr.

Harold Yates, U.S. EPA, re: A public meeting concerning close-out activities at the site, 6/26/84. P. 500035-500035.

24. Health and Environmental Information sheet, re: Chemicals at the site, 6/26/84. P. 500036-500037.
  25. National Priorities List (NPL) Site, description of the Kane and Lombard Street Drum Site, 7/85. P. 500038-500038.
  26. Memorandum to Ms. Rachel Pohl, Camp, Dresser and McKee, from Mr. Ronald Nelson, Maryland Department of Health and Mental Hygiene, re: Review comments on the draft Community Relations Plan, 12/4/85. P. 500039-500040.
  27. Handwritten notes, re: Meeting with community members, 5/8 to 9/86. P. 500041-500041.
  28. U.S. EPA Fact Sheet, re: EPA's role at the Kane and Lombard site, 1986. P. 500042-500044.
  29. U.S. EPA Press Release entitled "EPA Begins Remedial Investigation at the Kane and Lombard Superfund Site, 6/9/86. P. 500045-500045.
  30. Excerpt from the Hazardous Waste Site Report, re: The Planned Remedial Investigation at Kane and Lombard Site, 6/23/86. P. 500046-500046.
  31. Telephone message to MJB from Ms. Jill Bloom, Channel 11, re: Information on Kane and Lombard, 8/13/86. P. 500047-500047.
  - \*\* 32. Summary of Concentrations of Inorganic Compounds in Surface and Subsurface Soils for sample numbers SD-01 to SD-18, SS-01 to SS-05, TP-A to TP-0, and TP-P to TP-Y, 9/12/86. P. 500048-500083. The following are attached:
    - a) a Summary of Concentrations of Contaminants Found in Soil at the Kane and Lombard Site;
    - b) a memorandum regarding a quality assurance data review of sample numbers CE 801 to CE 829, dated July 18, 1986;
    - c) a memorandum regarding results of RCRA
- \*\* Further documentation can be found at the U.S. EPA Region III Headquarters in Philadelphia, PA.

characteristic tests for wastes, dated June 26, 1984;

- d) a memorandum regarding RCRA ignitability and EP toxicity characterization analysis results for drum samples, dated June 25, 1984;
  - e) a memorandum regarding analytical results, dated June 6, 1984;
  - f) a memorandum regarding PCB and pesticide analysis of sample numbers 840517-01, 840517-03, 840517-04, and 840521-01, dated May 25, 1984;
  - g) a memorandum regarding gas chromatography/mass spectrometry (GC/MS) for sample numbers 840517-01, 840517-03, 840517-04, and 840521-01;
  - h) a memorandum regarding metals and cyanide determinations of sample numbers 840517-01, 840517-03, 840517-04, 840521-01 and 840522-01;
  - i) a memorandum regarding water and soil sample numbers 840517-01 and 840517-04, dated May 21, 1984.
33. Letter to Ms. Stephanie [sic] Del Re', U.S. EPA, from Mr. Norbert Wilson, Eastwood Community Civic Association, re: Opposition to Alternative 2 as described in the Record of Decision (ROD), 9/22/87. P. 500084-500086. A newspaper article entitled "Eastwood Drops A Line To EPA," is attached.
34. Report: Final Responsiveness Summary for the Kane and Lombard Site, Baltimore, Maryland, prepared by Weston Inc., 10/13/87. P. 500087-500100.
35. Letter to Mr. James M. Seif, U.S. EPA, from Mr. Norbert Wilson, Eastwood Community Civic Association, re: Opposition to the decision in the ROD and a request for no actions to be taken until EPA has fulfilled all public participation requirements, 2/23/88. P. 500101-500101.
36. Letter to the Honorable Benjamin C. Cardin, Maryland House of Representatives, from Mr. Norbert Wilson,

Eastwood Community Civic Association, re: Request for help with EPA's non-compliance with public participation laws, 4/23/88. P. 500102-500102.

37. Letter to Mr. James M. Seif, U.S. EPA, from the Honorable Benjamin L. Cardin, Maryland House of Representatives, re: Communication between EPA and the communities near the site, 5/3/88. P. 500103-500103.
38. Letter to the Honorable Benjamin L. Cardin, Maryland House of Representatives, from Mr. James M. Seif, re: Public participation and its effects on the ROD, 5/20/88. P. 500104-500104.
39. Letter to Mr. Norbert Wilson from Ms. Nanci Sinclair, U.S. EPA, re: Public participation and its effects on the ROD, 5/20/88. P. 500105-500105.
40. Letter to Mr. John C. Martin, U.S. EPA, from Mr. Norbert Wilson, Eastwood Community Civic Association, re: Investigation of a letter opposing the capping alternative at the site, 6/16/88. P. 500106-500107.
41. Letter to Mr. Craig DeRemer, U.S. EPA, from Honorable Benjamin L. Cardin, Maryland House of Representatives, re: Public participation and its effects on the ROD, 7/13/88. P. 500108-500108.
42. Record of Congressional Inquiry/Request from Mr. Martin Miller, WBAL, re: Meeting at Kane and Lombard Street Site, (undated). P. 500109-500109.